

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Original) A method for automatically re-establishing a connection to a data source accessible by a plurality of remote applications, the method comprising:

providing at least one interface module configured to interface with a remote application;

providing at least one port module configured to interface between the interface module and the data source;

providing a connection manager to facilitate the interface between the interface module and the port module;

detecting unavailability of the data source in response to an initial request for the data source by the remote application;

dynamically detecting availability of the data source in response to a subsequent request for the data source; and

re-connecting the data source to the remote application in response to the subsequent request.

2. (Original) The method of claim 1, wherein the detecting unavailability is executed by the port module.

3. (Original) The method of claim 1, wherein the detecting unavailability is executed by the connection manager.

4. (Original) The method of claim 1, wherein the dynamically detecting is executed by the port module.

5. (Original) The method of claim 1, wherein the dynamically detecting is executed by the connection manager.

6. (Original) The method of claim 1, wherein re-connecting further comprises re-establishing a connection between the port module and the data source independently from initialization of the connection manager.

7. (Original) The method of claim 1, wherein re-connecting further comprises re-establishing a connection between the port module and the data source without re-initializing the connection manager.

8. (Original) A computer readable medium having stored thereon computer executable instructions for performing a method for connecting a plurality of remote applications with a data source, the method comprising:

providing at least one interface module configured to interface with a remote application;

providing at least one port module to interface between the interface module and the data source;

providing a connection manager to facilitate the interface between the interface module and the port module;

detecting unavailability of the data source in response to an initial request for the data source by the remote application;

dynamically detecting availability of the data source in response to a subsequent request for the data source; and

re-connecting the data source to the remote application in response to the subsequent request.

9. (Original) The computer readable medium of claim 8, wherein the detecting unavailability is executed by the port module.

10. (Original) The computer readable medium of claim 8, wherein the detecting unavailability is executed by the connection manager.

11. (Original) The computer readable medium of claim 8, wherein the dynamically detecting is executed by the port module.

12. (Original) The computer readable medium of claim 8, wherein the dynamically detecting is executed by the connection manager.

13. (Original) The computer readable medium of claim 8, wherein re-connecting further comprises re-establishing a connection between the port module and the data source independently from initialization of the connection manager.

14. (Original) The computer readable medium of claim 8, wherein re-connecting further comprises re-establishing a connection between the port module and the data source without re-initializing the connection manager.

15. (Currently Amended) A system for connecting a plurality of remote applications with a data source, the system comprising:

an interface module configured to interface with a remote application;

a port module configured to interface between the interface module and the data source;

and

a connection manager module configured to facilitate ~~a direct~~ an interface between the interface module and the port module; wherein:

one of the port module and the connection manager module, are further configured to detect unavailability of the data source in response to an initial request for the data source by the remote application, to dynamically detect availability of the data source in response to a subsequent request for the data source, and to re-connect the data source to the remote application in response to the subsequent request.

16. (Original) The system of claim 15, wherein the port module is configured to execute at least one of the dynamically detecting and re-connecting steps.

17. (Original) The system of claim 15, wherein the connection manager module is configured to execute at least one of the dynamically detecting and re-connecting steps.

18. (Original) The system of claim 15, wherein re-connecting further comprises re-establishing a connection between the port module and the data source independently from initialization of the connection manager.

19. (Original) The system of claim 15, wherein re-connecting further comprises re-establishing a connection between the port module and the data source without re-initializing the connection manager.

20. (New) The method of claim 1, further comprising connecting directly the interface module and the port module for communicating independently from the connection manager in subsequent communications.

21. (New) The computer readable medium of claim 8, further comprising connecting directly the interface module and the port module for communicating independently from the connection manager in subsequent communications.

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22. (New) The system of claim 15, wherein the interface module and the port module are configured to be directly connected for communicating independently from the connection manager in subsequent communications.